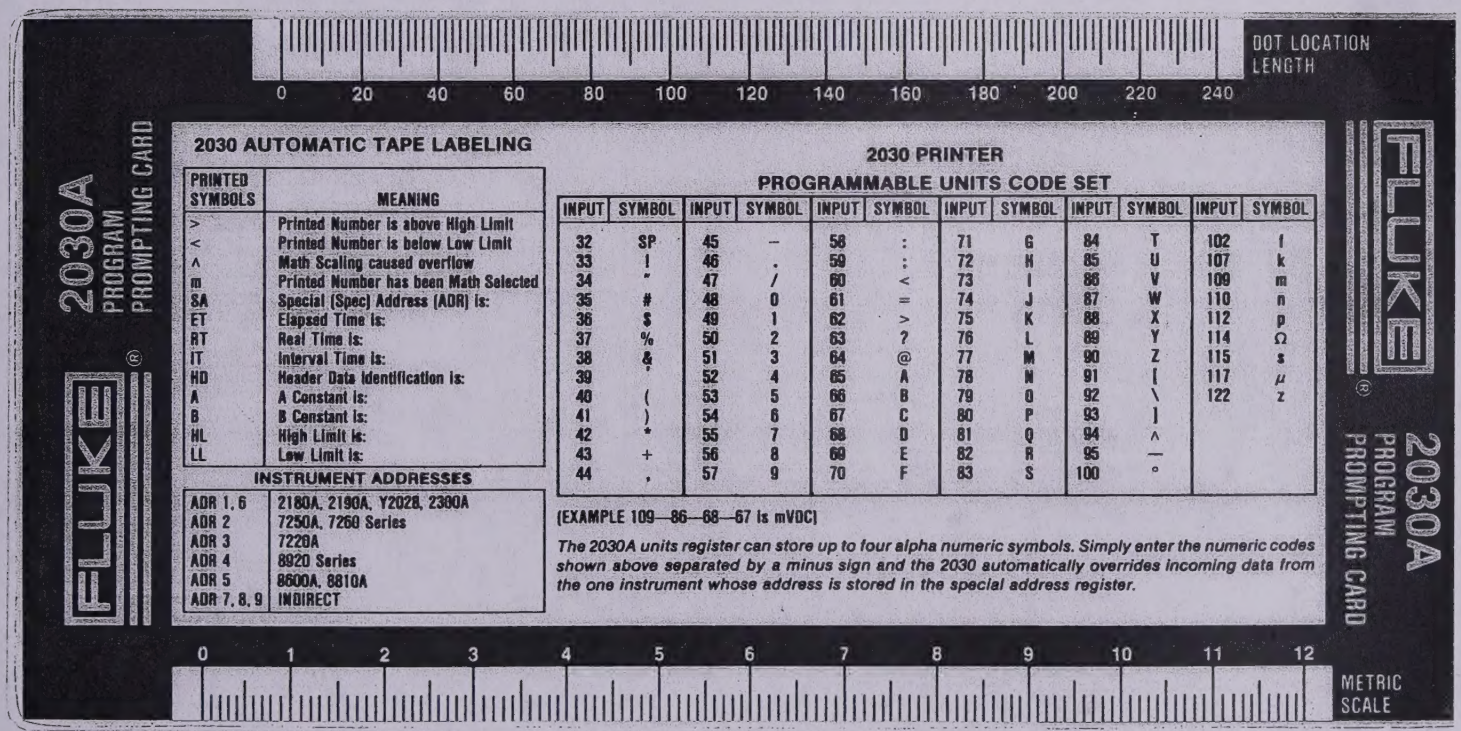
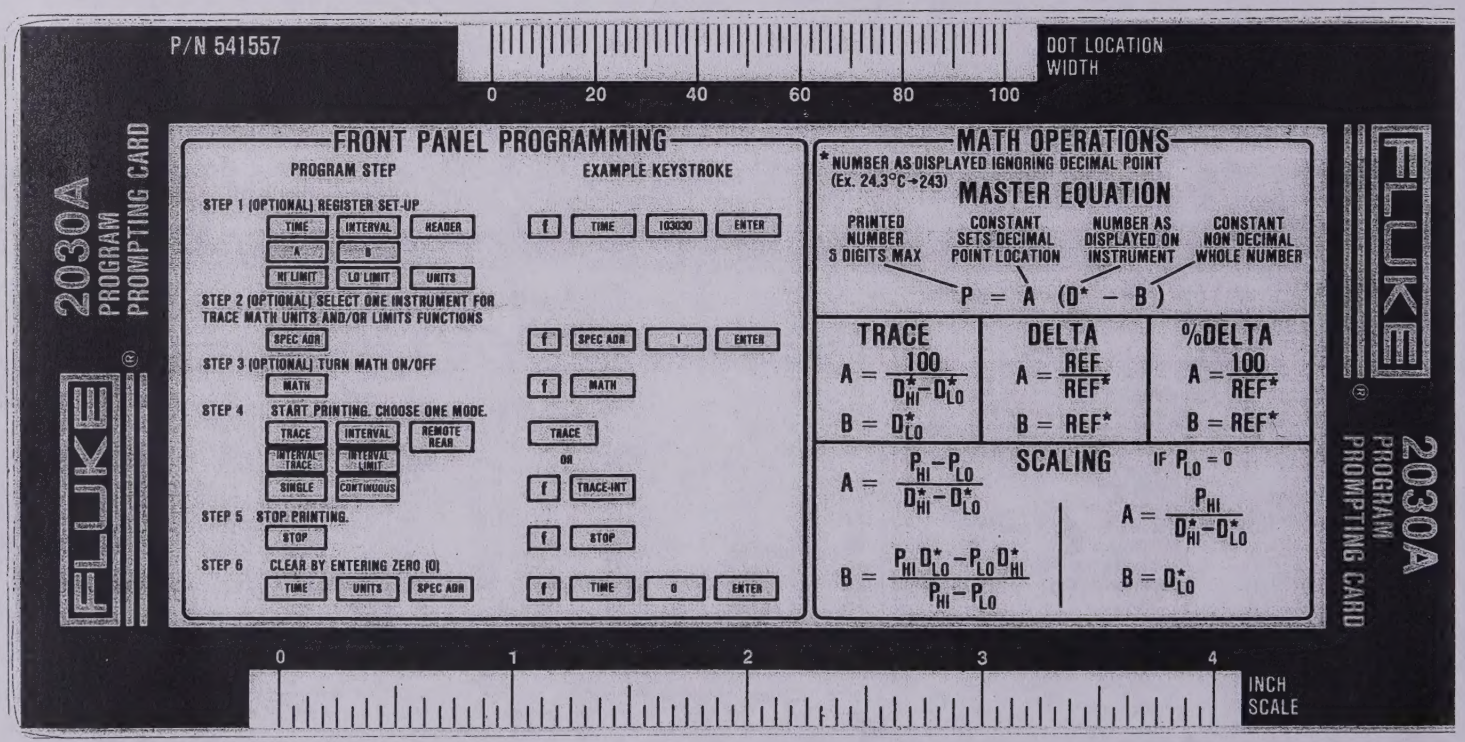

DOT LOCATION LENGTH
0 20 40 60 80 100 120 140 160 180 200 220 240
FLUKE 2030A PROGRAM PROMPTING CARD
2030 AUTOMATIC TAPE LABELING
PRINTED SYMBOLS | MEANING
> Printed Number is above High Limit
< Printed Number is below Low Limit
^ Math Scaling caused overflow
m Printed Number has been Math Selected
SA Special (Spec) Address (ADR) is:
ET Elapsed Time is:
RT Real Time is:
IT Interval Time is:
HD Header Data Identification is:
A A Constant is:
B B Constant is:
HL High Limit is:
LL Low Limit is:
INSTRUMENT ADDRESSES
ADR 1, 6 2180A, 2190A, Y2028, 2380A
ADR 2 7250A, 7260 Series
ADR 3 7220A
ADR 4 8920 Series
ADR 5 8600A, 8810A
ADR 7, 8, 9 INDIRECT
2030 PRINTER
PROGRAMMABLE UNITS CODE SET
INPUT SYMBOL INPUT SYMBOL INPUT SYMBOL INPUT SYMBOL INPUT SYMBOL INPUT SYMBOL
32 SP 45 – 58 : 71 G 84 T 102 f
33 ! 46 . 59 ; 72 H 85 U 107 k
34 " 47 / 60 < 73 I 86 V 109 m
35 # 48 0 61 = 74 J 87 W 110 n
36 $ 49 1 62 > 75 K 88 X 112 p
37 % 50 2 63 ? 76 L 89 Y 114 Ω
38 & 51 3 64 @ 77 M 90 Z 115 s
39 ' 52 4 65 A 78 N 91 [117 μ
40 (53 5 66 B 79 O 92 \ 122 z
41) 54 6 67 C 80 P 93]
42 * 55 7 68 D 81 Q 94 ^
43 + 56 8 69 E 82 R 95 —
44 , 57 9 70 F 83 S 100 °
(EXAMPLE 109—86—68—67 is mVDC)
The 2030A units register can store up to four alpha numeric symbols. Simply enter the numeric codes shown above separated by a minus sign and the 2030 automatically overrides incoming data from the one instrument whose address is stored in the special address register.
FLUKE 2030A PROGRAM PROMPTING CARD
0 1 2 3 4 5 6 7 8 9 10 11 12
METRIC SCALE


P/N 541557
0 20 40 60 80 100
DOT LOCATION WIDTH
FLUKE
2030A
PROGRAM PROMPTING CARD
FRONT PANEL PROGRAMMING
PROGRAM STEP
EXAMPLE KEYSTROKE
STEP 1 (OPTIONAL) REGISTER SET-UP
TIME INTERVAL HEADER
A B
HI LIMIT LO LIMIT UNITS
f TIME 103030 ENTER
STEP 2 (OPTIONAL) SELECT ONE INSTRUMENT FOR TRACE MATH UNITS AND/OR LIMITS FUNCTIONS
SPEC ADR
f SPEC ADR 1 ENTER
STEP 3 (OPTIONAL) TURN MATH ON/OFF
MATH
f MATH
STEP 4 START PRINTING. CHOOSE ONE MODE.
TRACE INTERVAL REMOTE REAR
INTERVAL TRACE INTERVAL LIMIT
SINGLE CONTINUOUS
TRACE
OR
f TRACE-INT
STEP 5 STOP PRINTING.
STOP
f STOP
STEP 6 CLEAR BY ENTERING ZERO (0)
TIME UNITS SPEC ADR
f TIME 0 ENTER
MATH OPERATIONS
* NUMBER AS DISPLAYED IGNORING DECIMAL POINT (Ex. 24.3°C→243)
MASTER EQUATION
PRINTED NUMBER 5 DIGITS MAX
CONSTANT SETS DECIMAL POINT LOCATION
NUMBER AS DISPLAYED ON INSTRUMENT
CONSTANT NON DECIMAL WHOLE NUMBER
P = A (D* − B)
TRACE
A = 100 / (D*HI − D*LO)
B = D*LO
DELTA
A = REF / REF*
B = REF*
%DELTA
A = 100 / REF*
B = REF*
SCALING
A = (PHI − PLO) / (D*HI − D*LO)
B = (PHI D*LO − PLO D*HI) / (PHI − PLO)
IF PLO = 0
A = PHI / (D*HI − D*LO)
B = D*LO
0 1 2 3 4
INCH SCALE